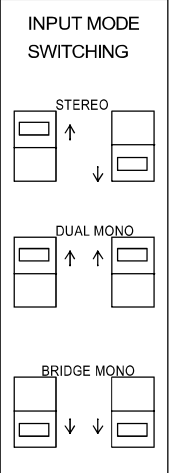
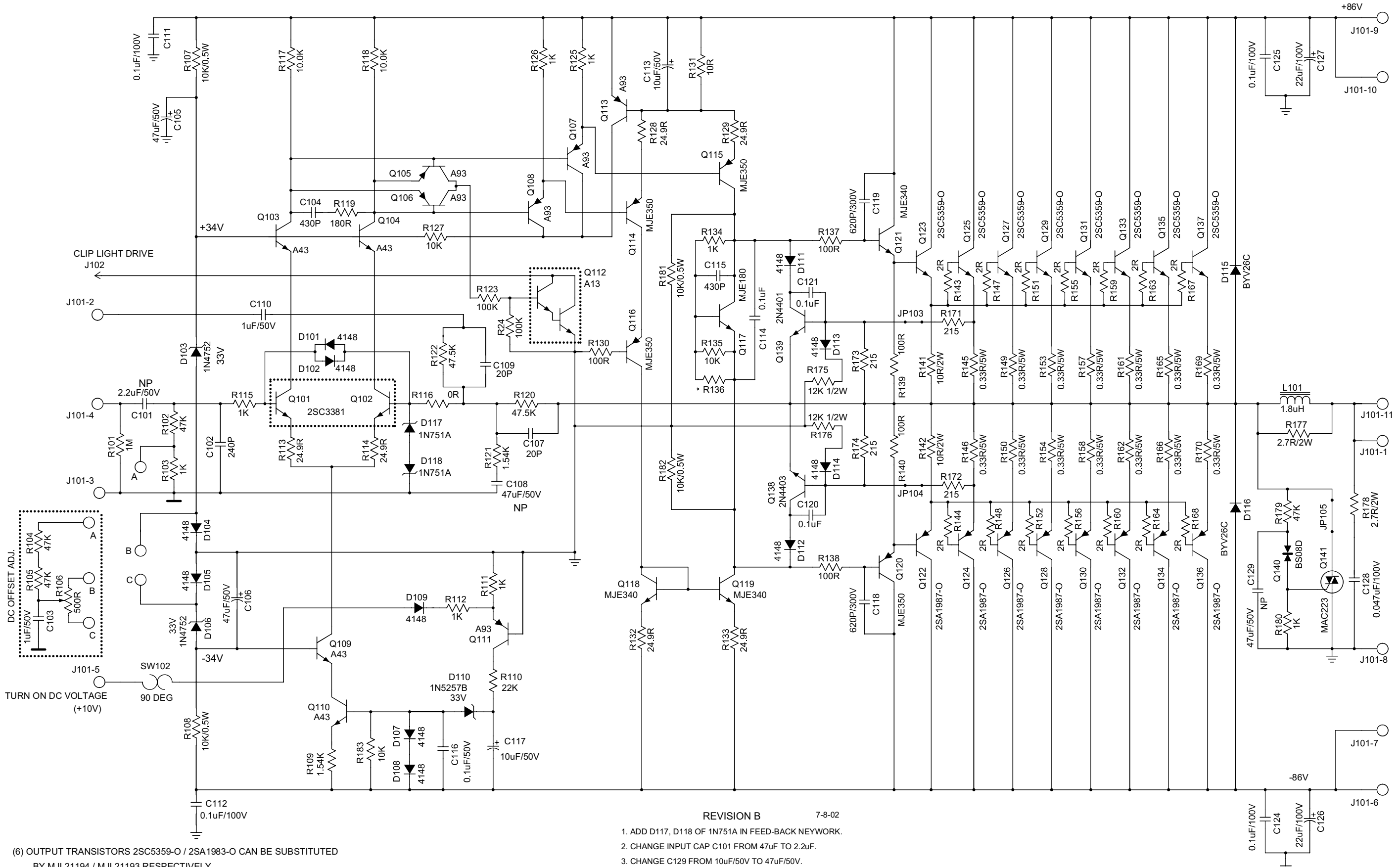


**PRIMARY WIRING CONNECTION CHART**

AC LINE VOLTAGE	100V	120V	208V	220V	240V
XFMR	BRN L 1 (3)	L 1 (3)	L 1 (3)	L 1 (3)	L 1 (3)
	RED L 2 (4)	N / C	YEL	YEL	N / C
	ORG N / C	L 2 (4)	N / C	N / C	YEL
	YEL L 1 (3)	L 1 (3)	RED	RED	ORG
	GRN L 2 (4)	N / C	L 2 (4)	N / C	N / C
	BLU N / C	L 2 (4)	N / C	L 2 (4)	L 2 (4)
FAN BRN-L1 / ORG	ORG	ORG	ORG	ORG	ORG
CKT. BREAKER	25 A	20 A	15 A	10 A	10 A

7. FOR ACTIVE BALANCED INPUT MODULE DETAILS, REFER TO SCHMATIC 9008-0762.
6. REFER TO PARTS LIST.
5. TS1 IS INTERNAL THERMAL SWITCH IN POWER TRANSFORMER T1.
4. J1 IS REAR PANEL BARRIER STRIP. J11, J12, J21, J22 ARE 5-WAY BINDING POSTS.
3. SW1, R13, R23 ARE FRONT PANEL CONTROLS. SW701, SW702, SW703 ON REAR PANEL.
2. ALL CAPACITORS IN uF / WORKING VOLTS.
1. ON 9008-0753B PCB, ALL RESISTORS 1/4 W 5% CARBON FILM UNLESS NOTED OTHERWISE.





- (6) OUTPUT TRANSISTORS 2SC5359-O / 2SA1983-O CAN BE SUBSTITUTED BY MJL21194 / MJL21193 RESPECTIVELY.
- (5) DC OPERATING VOLTAGES ARE REFERENCED TO GROUND.
- (4) ALL RESISTORS 1/4W EXCEPT AS NOTED.
- (3) DC OFFSET CKT. FACTORY OPTION.
- (2) R136 FACTORY SELECTED FOR 400mV ACROSS R141 OR R142.
- (1) FOR OPTION, POWER XSTR CAN BE 2SC3858/2SA1494 BUT C118, C119 WILL BE 430PF, AND C107,C109 WILL BE 30PF.

**NOTE:** UNLESS OTHERWISE SPECIFIED

REVISION B 7-8-02

- ADD D117, D118 OF 1N751A IN FEED-BACK NETWORK.
- CHANGE INPUT CAP C101 FROM 47uF TO 2.2uF.
- CHANGE C129 FROM 10uF/50V TO 47uF/50V.
- CHANGE D110 FROM 1N4752 TO 1N5257B.
- ADD R183 OF 10K 1/4W IN DELAY TURN ON CIRCUIT.
- CHANGE PROTECTION CIRCUIT R127, R172 FROM 2K TO 215 OHM.
- CHANGE PROTECTION CIRCUIT R173, R174 FROM 1K TO 215 OHM.
- DELET C122, C123 OF 2.2uF 50V NP CAPS, INSERT TWO JUMPERS TO REPLACE THEM.
- CHANGE C121, C122 FROM 5nF TO 0.1uF.

Title			HEATSINK/AMP SCHEMATIC MODEL GTA		
Size	Number			Rev	
C	9600-8760			B	
Date	7-8-02	Drawn by	MING SHU		
Filename	GTA - B.S01	Sheet	1 of 1		